

Bayer-18

Cat. No. CEI-1130

Lot. No. (See product label)

Introduction

Description

Bayer-18 is a selective TYK2 inhibitor, with an IC₅₀=18.7nM on TYK2. The compound shows 1000 fold selectivity against JAK2, CDK and KDR.

Synonyms

JTK1

Product Information

CAS No.

1251752-12-1

Molecular Formula

C₁₉H₂₇FN₆O₂

Chemical Name

1-tert-butyl-3-[3-[[5-fluoro-4-[(2-hydroxy-1,1-dimethyl-ethyl)amino]pyrimidin-2-yl]amino]phenyl]urea

Molecular Weight

390.46

Purity

> 95%

Targets

TYK2

Solubility

DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage

4 centigrade

Stability

2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO